6th Grade
Jan 12, 2021

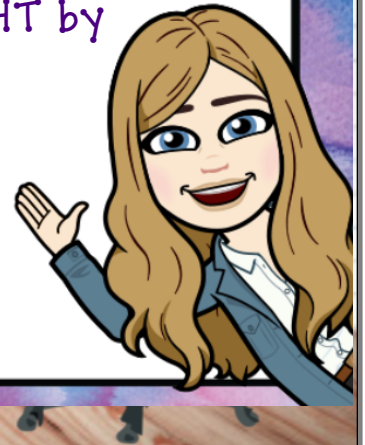Today we will:

-review HW
-do in-class WS

Are there any THQs to be turned in?

HOMEWORK:

HW Practice WS

Quiz Friday

ALEKS assignment: 60 min and 5 topics due TONIGHT by 11:59pm

Name _____ My Homework _____

Independent Practice

Write each percent as a decimal. (Examples 1–3)

1. 35% = **0.35**
2. 2% = **0.02**
3. 31% = **0.31**
4. 95% = **0.95**

Write each decimal as a percent. (Examples 4 and 5)

5. 0.22 = **22%**
6. 0.79 = **79%**
7. 0.1 = **10%**
8. 0.16 = **16%**

9. **Financial Literacy** A bank offers an interest rate of 4% on a savings account. Write 4% as a decimal. (Examples 1–3)

0.04

10. When making a peanut butter and jelly sandwich, 96% of people put the peanut butter on first. Write 96% as a decimal. (Examples 1–3)

0.96

11. In a recent year, 0.12 of Americans downloaded a podcast from the Internet. What percent is equivalent to 0.12? (Example 6)

12%

12. In a recent year, the number of homes with digital cameras grew 0.44 from the previous year. Write 0.44 as a percent. (Example 6)

44%

13. **Financial Literacy** The formula $I = prt$ gives the simple interest I earned on an account where an amount p is deposited at an interest rate r for a certain number of years t. Use the table to order the accounts from least to greatest interest earned after 5 years.

_____

Accounts at First Savings Bank		
Account	p ($)	r (%)
A	350	4
B	500	3.5
C	280	4.25

Math Chapter 2

TITLE: Decimals, Fractions, and Percents

Date	Lesson	Topic/Assignment
1/4	1	Decimals and Fractions Video Notes
1/5	1	HOMEWORK: Pg 93 WS
1/5	1	CLASSWORK: Skills WS
1/6	1	CLASSWORK: Problem-Solving WS
1/7	2	Fractions and Percents Video Notes
1/8	2	HOMEWORK: Page 105 WS
1/11	3	Percents and Decimals Video Notes
1/12	3	HOMEWORK: Page 113
1/12	3	CLASSWORK: HW Practice WS

Welcome to our class

IN THIS CLASSROOM
WE DON'T
give up.
BUT WE DO
give our
best effort

HARD
WORK
PAYS
OFF

WELCOME

6th Grade
Homework

Page 113 WS

ALEKS

Lesson 3 Homework Practice

Percents and Decimals

Express each percent as a decimal.

1. 29%   **2.** 63%   **3.** 4%   **4.** 9%

5. 48%   **6.** 16%   **7.** 10%   **8.** 32%

9. ENERGY The United States gets about 39% of its energy from petroleum. Write 39% as a decimal.

10. SCIENCE About 8% of the earth's crust is made up of aluminum. Write 8% as a decimal.

Express each decimal as a percent.

11. 0.45

12. 0.12

13. 0.68

14. 0.73

15. 0.2

16. 0.7

17. 0.95

18. 0.46

19. POPULATION In 2000, the number of people 65 years and older in Arizona was 0.13 of the total population. Write 0.13 as a percent.

20. GEOGRAPHY About 0.41 of Hawaii's total area is water. What percent is equivalent to 0.41?

Replace each ● with <, >, or = to make a true sentence.

21. 26% ● 0.3

22. 0.9 ● 9%

23. 4.7 ● 47%

24. ANALYZE TABLES A batting average is the ratio of hits to at bats. Batting averages are expressed as a decimal rounded to the nearest thousandth. Show two different ways of finding how much greater Derek Jeter's batting average was than Jorge Posada's batting average. Express as a percent.

New York Yankees, 2009 Batting Statistics	
Player	**Batting Average**
Derek Jeter	0.334
Alex Rodriguez	0.286
Jorge Posada	0.285
Hideki Matsui	0.274

0.334
− 0.285

33.4%
− 28.5%